

CALIFORNIA WATER PLAN, UPDATE 2013 PLANNING FOR AN UNCERTAIN FUTURE (SCENARIOS)

Workshop Objectives

- Solicit advice on the policy considerations relevant to evaluating regional resource management strategies in light of many future risks and uncertainties
- Outline key assumptions to guide the Update 2013 technical analysis to plan for an uncertain future

Glossary

<u>Performance measure</u> - Quantitative measures used to evaluate the performance and compare resource management strategies.

Resource management strategy - A project, program, or policy that helps federal, State or local agencies manage water and related resources. Resource management strategies in the Water Plan are grouped by their intended outcomes: reduce water demand, improve operational efficiency and transfers, increase water supply, improve water quality, practice resource stewardship; and improve flood management. Although most of the resource management strategies have multiple potential benefits, any individual site-specific project or program within a resource management strategy may contribute only one, or a few of the benefits.

<u>Response package</u> – Combinations of different resource management strategies to be implemented to achieve regional water management objectives.

<u>Scenario</u> - Descriptions of alternative plausible future conditions outside the control of the policy-makers.

Workshop Content

Future land use changes

• What significant changes in land use development should we consider for Update 2013? For example, how will residential densities change in the future?

 In addition to population growth, are there other significant factors or policies that could affect conversion of agricultural land to other uses? For example, habitat restoration or land retirement.

Resource management strategies

•	What are the top five resource management strategies that could be implemented in your
	region between now and 2050? Please be as specific as you can about timing, location,
	and magnitude.

• What themes would describe coherent and relevant response packages for your region?

Resource Mgmt. Strategies	Response Packages				
	Baseline (current)				

•	What new environmental water (for instream flows and habitat restoration beyond existing requirements) should we consider in Update 2013?
Evalu •	nating performance of resource management strategies Which performance measures are essential to make investment decision about different resource management strategies?
•	Which temporal scales (daily, monthly, annual, etc.) and planning horizon (2020, 2050, 2100) are most useful to your decisions about investing in resource management strategies?
•	Which spatial scales (water district, IRWM region, hydrologic region, tribal, statewide) are most useful to your decisions about investing in resource management strategies?